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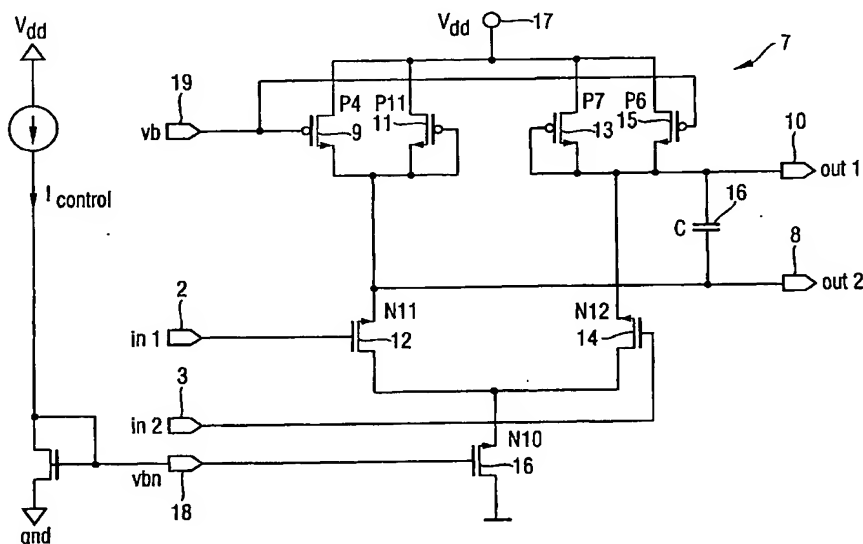
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- (71) Applicant (for SN, US only): INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WU, Hal, Jie [CN/SG]; Blk 67 Telok Blangah Drive #08-222, Singapore
- (74) Agent: WATKIN, Timothy, Lawrence, Harvey; Lloyd Wise, Tanjong Pagar, P O Box 636, Singapore 910816 (GB).
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(54) Title: CURRENT-CONTROLLED OSCILLATOR



(57) Abstract: The present invention provides a current controlled oscillator comprising a first section providing a first differential output and a second section providing a second differential output. A loading structure comprised of resistive and reactive elements electrically connects the first differential output with the second differential output. The resistive and reactive elements have values chosen such that the resistive elements substantially extend the linear operating frequency range of the current controlled oscillator. Transistors of the loading structure have which are tied to a power supply rejection ratio compensation section for compensating for variations in power supply voltage.